

# **Alternative Fuel Vehicle Emission Benefit Spreadsheet Model**



**EPA**



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# *BACKGROUND*

- A joint effort between US EPA Office of Mobile Sources and US DOE Argonne National Lab in Conjunction with the Clean Cities Program



## *Credit....now there's a dirty word...*

- Manufacturer Emission **Credit**
- DOE EPACT **Credit**
  - DOE EPACT only
- EPA Clean Fuel Fleet **Credit**
  - For Clean Fuel Fleet Requirements Only
- Voluntary Measures **Credit**
  - Anything measurable below existing standards
  - For Public, private, individual or area entities

## *The Need*



- Alternative Fuel Vehicle emission credits are very small on a per vehicle basis
- Currently there are low numbers of operating alt fuel vehicles
- Thus, the effort of calculating emission benefits often outweighs the potential help in meeting SIP requirements I.e. you hunt the big fish first

## *The Assist*



- In order to minimize the effort in calculating emission benefits, EPA and DOE are developing a user-friendly emission software tool (in Visual Basic run off a standard PC) to calculate emission benefits with a minimal amount of data input
- Based on existing EPA data

*And Now.....*

- Demonstration of the Model by Mr. Dan Santini of Argonne National Lab

